CLAIMS:

1.   A method for receiving multiple media data streams to be displayed in
separate windows of a multi-window display of a destination device, comprising the steps of:
          providing clipping information of a covered area of a first window of the
multi-window display, said first window being at least partly covered by at least a second
5   window of the media multi-window;
          transmitting the clipping information to a source device providing a first media
data stream rendered in the first window; and
          receiving a clipped media data stream comprising media data for an uncovered
area of the first window.
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2.   The method according to claim 1, wherein the clipping information comprises
at least display coordinates of the second window.

3.   The method according to claim 1, wherein the step of providing further
15   comprises the step of:
          extracting display coordinates of at least the second window of the multi-
window display.

4.   The method according to claim 1, further comprising the steps of:
20   re-calculating the clipping information in response to a movement or a change
of size of the first or the at least second window; and
          transmitting the re-calculated clipping information.

5.   The method according to claim 1, wherein the received clipped media data
25   steam comprises a full media data base layer, and a clipped media data enhancement layer,
said media data enhancement layer only comprises media data blocks needed for processing
the uncovered area of the first window.

6.   The method according to claim 1, further comprising the steps of:

decoding the received clipped media data stream; and

processing the clipped media data stream based on the clipping information

and stored processing information

5   7.   The method according to claim 1, wherein the received clipped media data

stream comprises a clipped preprocessed multi-window image.

8.   The method according to claim 1, wherein the step of providing clipping

information comprises the further step of:

10   setting at least one image processor to wait for an acknowledgement that the

clipping information has been applied by the source device; and

the step of receiving a clipped media data stream comprises the further step of:

- receiving an acknowledgement that the clipping information has been

applied.

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9.   The method according to claim 1, wherein the media data stream comprises

audio/video data blocks.

10.   A method for transmitting a media data stream from a source device to at least

20 one destination device, comprising the steps of;

receiving clipping information from at least one destination device;

calculating a window area for which media data is not needed by the at least

one destination device based on the received clipping;

clipping the media data stream according to the calculated area to provide a

25 clipped media data stream; and

transmitting the clipped media data stream to the at least one destination

device.

11.   The method according to claim 10, wherein the clipping information

30 comprises display coordinates of at least one window covering another window in a multi-

window display.

12.   The method according to claim 10, wherein the step of calculating further

comprises the step of:

calculating an window area for which media data is not needed by anyone of several destination devices.

13.   The method according to claim 10, wherein clipping information received from multiple destination devices are handled separately.

14.   The method according to claim 10, wherein the step of clipping further comprises the step of:

removing from the media data stream enhancement media data blocks of an enhancement layer relating to the calculated window area.

15.   The method according to claim 10, wherein the step of clipping further comprises the step of:

setting an encoder to not encode enhancement media data blocks of an enhancement layer relating to the calculated window area.

16.   The method according to claim 10, wherein the step of clipping further comprises the step of:

joining a first clipped media stream and at least a second media data stream to a multi-window image.

17.   The method according to claim 10, wherein the step of transmitting further comprises the steps of:

preparing an acknowledgement that the received clipping information is applied; and

transmitting the acknowledgement to the destination device concerned.

18.   The method according to claim 17, wherein the acknowledgement is the received clipping information.

19.   The method according to claim 10, wherein the media data stream comprises audio/video data blocks.

20.   An apparatus for receiving media data, comprising:

means for receiving multiple media data streams to be displayed in at least two separate windows of a multi-window display; and

means for providing clipping information comprising information relating to at least one covered area of at least one of the at least two windows being covered by at least

5   the other of the at least two windows; and

means for transmitting the clipping information to at least one source device, said means for transmitting is operatively connected to said means for providing.

21.   The apparatus according to claim 20, further comprising:

10   means for processing at least two media data streams operatively connected to the means for receiving; and

means for joining the at least two processed media data streams to an output media data stream for rendering in the multi-window display, said means for joining is operatively connected to the means for processing.

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22.   The apparatus according to claim 21, wherein the means for processing is at least one image processor configured to process the media data streams according to stored image processing information, and according to the clipping information derived by the means for deriving.

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23.   An apparatus for transmitting a media data stream to at least one destination device, comprising;

means for receiving clipping information from at least one destination device;

means for clipping the media data stream based on the received clipping

25   information, said means for clipping being operatively connected to said means for receiving; and

means for transmitting the clipped media data to at least one destination device.

30   24.   The apparatus according to claim 23, further comprising means for encoding the clipped media data stream.